



Application Number

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IDS Flag Clearance for Application 10579692

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2006-08-04	9	Y <input checked="" type="checkbox"/>	2007-03-04 16:28:29.0	TFetzner
M844	2006-05-16	6	Y <input checked="" type="checkbox"/>	2007-03-04 16:28:31.0	TFetzner
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## WEST Search History

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DATE: Sunday, March 04, 2007

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L36	L35 and (load with current)	21
<input type="checkbox"/>	L35	L34 and ((amplifier) with (output\$4 or out-put\$4) with (voltage))	32
<input type="checkbox"/>	L34	L33 and (function\$3)	66
<input type="checkbox"/>	L33	L32 and (((regulate or regulator or regulating or regulated or regulator or control or controller or controlling or controlled or controllable or controlable or monitor or monitored or monitoring) same (signal)) same ((output\$4 or out-put\$4) same (stage or modulat\$3)))	68
<input type="checkbox"/>	L32	L31 and ((compensate or compenating or compensated or compensation or correct or correcting or corrected or correction or adjustment or adjusting or adjusted or adjustable or adjust or modify or modification or modifiable or modified or modifying or alter or altering or altered or change or changing or changed) same (signal) same (output\$4 or out-put\$4))	77
<input type="checkbox"/>	L31	L30 and ((compensate or compenating or compensated or compensation or correct or correcting or corrected or correction or adjustment or adjusting or adjusted or adjustable or adjust or modify or modification or modifiable or modified or modifying or alter or altering or altered or change or changing or changed) same (signal) same (input\$4 or in-put\$4))	77
<input type="checkbox"/>	L30	L29 and ((regulate or regulator or regulating or regulated or regulator or control or controller or controlling or controlled or controllable or controlable or monitor or monitored or monitoring) same (signal) same (output\$4 or out-put\$4))	113
<input type="checkbox"/>	L29	L28 and ((output\$4 or out-put\$4) same (stage or modulat\$3))	125
<input type="checkbox"/>	L28	L27 and (voltage)	128
<input type="checkbox"/>	L27	L26 and ((signal) same (compensate or compenating or compensated or compensation or correct or correcting or corrected or correction or adjustment or adjusting or adjusted or adjustable or adjust or modify or modification or modifiable or modified or modifying or alter or altering or altered or change or changing or changed))	131
<input type="checkbox"/>	L26	L25 and ((signal) same (regulate or regulator or regulating or regulated or regulator or control or controller or controlling or controlled or controllable or controlable or monitor or monitored or monitoring))	147
<input type="checkbox"/>	L25	L24 and ((input\$4 or output\$4 or out-put\$4 or in-put\$4) same (stage or modulat\$3))	149
<input type="checkbox"/>	L24	L23 and (stage or modulat\$3)	198
<input type="checkbox"/>	L23	L22 and (amplify or amplification or amplified or amplifying or amplifier)	243
<input type="checkbox"/>	L22	L21 and (signal)	265
		L20 and (((amplifier) with (output\$4 or out-put\$4) with (voltage)) or (load with	

<input type="checkbox"/>	L21	current))	278
<input type="checkbox"/>	L20	L19 and (regulate or regulator or regulating or regulated or regulator or control or controller or controlling or controlled or controllable or controlable or monitor or monitored or monitoring)	2018
<input type="checkbox"/>	L19	L18 and (compensate or compenating or compensated or compensation or correct or correcting or corrected or correction or adjustment or adjusting or adjusted or adjustable or adjust or modify or modification or modifiable or modified or modifying or alter or altering or altered or change or changing or changed)	2132
<input type="checkbox"/>	L18	L17 and (gain or voltage or load or current)	2268
<input type="checkbox"/>	L17	L16 and (input\$4 or output\$4 or out-put\$4 or in-put\$4 or supply or supplied or supplying or energy)	2847
<input type="checkbox"/>	L16	L1 and ((gradient same amplifier) or ("pulse width modulator") or "PWM" or (puls43 with width with modulat\$3))	3236
<input type="checkbox"/>	L15	L14 and (((signal) same (regulate or regulator or regulating or regulated or regulator or adjust\$3 or control or controller or controlling or controlled or controllable or controlable)) same ((input\$4 or output\$4 or out-put\$4 or in-put\$4) same (stage)))	27
<input type="checkbox"/>	L14	L13 and ((input\$4 or output\$4 or out-put\$4 or in-put\$4) same (stage))	39
<input type="checkbox"/>	L13	L12 and ((amplify or amplification or amplified or amplifying or amplifier) same (input\$4 or output\$4 or out-put\$4 or in-put\$4) same (gain or voltage or load or current))	66
<input type="checkbox"/>	L12	L11 and (amplify or amplification or amplified or amplifying or amplifier)	120
<input type="checkbox"/>	L11	L10 and ((signal) same (regulate or regulator or regulating or regulated or regulator or adjust\$3 or control or controller or controlling or controlled or controllable or controlable))	120
<input type="checkbox"/>	L10	L9 and ((signal) same (compensate or compenating or compensated or compensation or correct or correcting or corrected or correction))	122
<input type="checkbox"/>	L9	L8 and ((signal) same (amplifier))	170
<input type="checkbox"/>	L8	L7 and (signal)	188
<input type="checkbox"/>	L7	L6 and (input\$4 or output\$4 or out-put\$4 or in-put\$4)	190
<input type="checkbox"/>	L6	L5 and (gain or voltage or load or current)	220
<input type="checkbox"/>	L5	L4 and (regulate or regulator or regulating or regulated or regulator or adjust\$3 or control or controller or controlling or controlled or controllable or controlable)	237
<input type="checkbox"/>	L4	L3 and (compensate or compenating or compensated or compensation or correct or correcting or corrected or correction)	244
<input type="checkbox"/>	L3	L2 and (stage)	398
<input type="checkbox"/>	L2	L1 and (gradient same amplifier)	2858
<input type="checkbox"/>	L1	((magnetic adj resonan\$2) or MRi or NMR)	246922

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 27 of 27 returned.

☐ 1. Document ID: US 20050277826 A1

L15: Entry 1 of 27

File: PGPB

Dec 15, 2005

PGPUB-DOCUMENT-NUMBER: 20050277826  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050277826 A1

TITLE: Apparatus and method for reducing interference

PUBLICATION-DATE: December 15, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Dunseath, William James Ross JR.	Silver City	NM	US

US-CL-CURRENT: 600/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050017699 A1

L15: Entry 2 of 27

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050017699  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050017699 A1

TITLE: Series interleaved boost converter power factor correcting power supply

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Stanley, Gerald A.	Osceola	IN	US

US-CL-CURRENT: 323/282

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 3. Document ID: US 20050017695 A1

L15: Entry 3 of 27

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050017695  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050017695 A1

TITLE: Opposed current converter power factor correcting power supply

PUBLICATION-DATE: January 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Stanley, Gerald R.	Osceola	IN	US

US-CL-CURRENT: 323/207

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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☐ 4. Document ID: US 7102431 B2

L15: Entry 4 of 27

File: USPT

Sep 5, 2006

US-PAT-NO: 7102431  
DOCUMENT-IDENTIFIER: US 7102431 B2

TITLE: Method for generating a high-power alternating voltage that follows an input data system

DATE-ISSUED: September 5, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050017804 A1	January 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bier; Gu	1200 Vienna			AT

US-CL-CURRENT: 330/251; 330/207A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw De
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☐ 5. Document ID: US 7081793 B2

L15: Entry 5 of 27

File: USPT

Jul 25, 2006

US-PAT-NO: 7081793  
DOCUMENT-IDENTIFIER: US 7081793 B2

TITLE: High-efficiency amplifier, converter and methods

DATE-ISSUED: July 25, 2006

## PRIOR-PUBLICATION:

DOC-ID

US 20050062526 A1

DATE

March 24, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morris; Bradley John	Ottawa			CA
Fuller; Arthur Thomas Gerald	Kanata			CA
Smiley; Russell	Nepean			CA

US-CL-CURRENT: 330/10; 330/251

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Figures	Claims	KMC	Drawings
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☐ 6. Document ID: US 6949915 B2

L15: Entry 6 of 27

File: USPT

Sep 27, 2005

US-PAT-NO: 6949915

DOCUMENT-IDENTIFIER: US 6949915 B2

TITLE: Opposed current converter power factor correcting power supply

DATE-ISSUED: September 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 323/207; 363/127

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Figures	Claims	KMC	Drawings
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☐ 7. Document ID: US 6741483 B1

L15: Entry 7 of 27

File: USPT

May 25, 2004

US-PAT-NO: 6741483

DOCUMENT-IDENTIFIER: US 6741483 B1

TITLE: Circulating current sensing device for amplifiers

DATE-ISSUED: May 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		



US-CL-CURRENT: 363/65; 330/9, 363/71

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 8. Document ID: US 6683494 B2

L15: Entry 8 of 27

File: USPT

Jan 27, 2004

US-PAT-NO: 6683494

DOCUMENT-IDENTIFIER: US 6683494 B2

TITLE: Digital signal processor enhanced pulse width modulation amplifier

DATE-ISSUED: January 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 330/10; 330/207A, 375/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 9. Document ID: US 6671330 B1

L15: Entry 9 of 27

File: USPT

Dec 30, 2003

US-PAT-NO: 6671330

DOCUMENT-IDENTIFIER: US 6671330 B1

TITLE: Power amplifier

DATE-ISSUED: December 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE
Schwingenschloegl; Christian	Schwaig			DE

US-CL-CURRENT: 375/297; 375/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 10. Document ID: US 6369572 B1

L15: Entry 10 of 27

File: USPT

Apr 9, 2002

US-PAT-NO: 6369572

DOCUMENT-IDENTIFIER: US 6369572 B1

TITLE: MRI apparatus with a feed forward loop inserted in the gradient loop

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Groningen; Wilhelmus Daniel Hyacinthus	Eindhoven			NL
Van Wesenbeeck; Robbert Jacobus	Eindhoven			NL
Van Den Bosch; Paulus Petrus Joannes	Nuenen			NL

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 11. Document ID: US 6285304 B1

L15: Entry 11 of 27

File: USPT

Sep 4, 2001

US-PAT-NO: 6285304

DOCUMENT-IDENTIFIER: US 6285304 B1

TITLE: Analog-to-digital converter circuit and control device for a gradient amplifier of a magnetic resonance imaging system

DATE-ISSUED: September 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuernberg			DE

US-CL-CURRENT: 341/118; 324/318, 341/120

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 12. Document ID: US 6160445 A

L15: Entry 12 of 27

File: USPT

Dec 12, 2000

US-PAT-NO: 6160445

DOCUMENT-IDENTIFIER: US 6160445 A

TITLE: Power amplifier and method for the drive of a power amplifier

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuremberg			DE

US-CL-CURRENT: 330/10; 330/59



Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 13. Document ID: US 6118337 A

L15: Entry 13 of 27

File: USPT

Sep 12, 2000

US-PAT-NO: 6118337

DOCUMENT-IDENTIFIER: US 6118337 A

TITLE: Method for the generation of control signals for a power amplifier and power amplifier

DATE-ISSUED: September 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuremberg			DE

US-CL-CURRENT: 330/10; 330/207A, 330/251, 363/60

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 14. Document ID: US 5991179 A

L15: Entry 14 of 27

File: USPT

Nov 23, 1999

US-PAT-NO: 5991179

DOCUMENT-IDENTIFIER: US 5991179 A

TITLE: Power amplifier with multiple, switched output stages, and method and driver for driving the output stages using different pattern signals groups

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuermberg			DE

US-CL-CURRENT: 363/71; 307/82

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 15. Document ID: US 5973527 A

L15: Entry 15 of 27

File: USPT

Oct 26, 1999

US-PAT-NO: 5973527

DOCUMENT-IDENTIFIER: US 5973527 A

TITLE: Regulated inverter having a switched output stage and driver circuit therefor

DATE-ISSUED: October 26, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuremberg			DE
Lenz; Helmut	Oberasbach			DE

US-CL-CURRENT: 327/172; 327/175, 363/26

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 16. Document ID: US 5955909 A

L15: Entry 16 of 27

File: USPT

Sep 21, 1999

US-PAT-NO: 5955909

DOCUMENT-IDENTIFIER: US 5955909 A

TITLE: Device for monitoring chip temperature

DATE-ISSUED: September 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE
Burger; Walter	Nuremberg			DE

US-CL-CURRENT: 327/361; 307/651, 327/512

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMIC	Draw D
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☐ 17. Document ID: US 5949668 A

L15: Entry 17 of 27

File: USPT

Sep 7, 1999

US-PAT-NO: 5949668

DOCUMENT-IDENTIFIER: US 5949668 A

TITLE: Power amplifier with multiple switched output stages, and method and driver for operating same

DATE-ISSUED: September 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuremberg			DE

US-CL-CURRENT: 363/71; 363/136, 363/58, 363/98

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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## 18. Document ID: US 5636636 A

L15: Entry 18 of 27

File: USPT

Jun 10, 1997

US-PAT-NO: 5636636

DOCUMENT-IDENTIFIER: US 5636636 A

TITLE: Magnetic resonance method for imaging a moving object and device for carrying out the method

DATE-ISSUED: June 10, 1997

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kuhn; Michael H.	Hamburg			DE
Holz; Dietrich J. K.	Hamburg			DE

US-CL-CURRENT: 600/415; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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## 19. Document ID: US 5427102 A

L15: Entry 19 of 27

File: USPT

Jun 27, 1995

US-PAT-NO: 5427102

DOCUMENT-IDENTIFIER: US 5427102 A

TITLE: Active noise cancellation apparatus in MRI apparatus

DATE-ISSUED: June 27, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shimode; Shin'ichi	Ibaraki			JP
Inouye; Hiroshi	Ibaraki			JP
Saho; Norihide	Tsuchiura			JP
Okabe; Shinya	Shimizu			JP
Otsuka; Masayuki	Katsuta			JP
Iwase; Yukiiji	Ushiku			JP
Yamamoto; Etsuji	Akishima			JP
Shiono; Hidemi	Akigawa			JP
Takiguchi; Kenji	Kodaira			JP

US-CL-CURRENT: 600/410; 128/925, 324/318, 381/71.9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 20. Document ID: US 5278503 A

L15: Entry 20 of 27

File: USPT

Jan 11, 1994

US-PAT-NO: 5278503

DOCUMENT-IDENTIFIER: US 5278503 A

TITLE: Configuration for the compensation of external magnetic field interferences  
in a nuclear resonance spectrometer with superconducting magnet coil

DATE-ISSUED: January 11, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Keller; Tony	Rheinstetten			DE
Kasten; Arne	Karlsruhe			DE

US-CL-CURRENT: 324/318; 324/322, 600/422

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 21. Document ID: US 5235281 A

L15: Entry 21 of 27

File: USPT

Aug 10, 1993

US-PAT-NO: 5235281

DOCUMENT-IDENTIFIER: US 5235281 A

**\*\* See image for Certificate of Correction \*\***TITLE: Magnetic resonance imaging system

DATE-ISSUED: August 10, 1993

## INVENTOR-INFORMATION:

NAME	CITY.	STATE	ZIP CODE	COUNTRY
Haragashira; Motoji	Tochigi			JP
Usui; Yoshiyuki	Kuroiso			JP

US-CL-CURRENT: 324/318; 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw De
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☐ 22. Document ID: US 5072183 A

L15: Entry 22 of 27

File: USPT

Dec 10, 1991

US-PAT-NO: 5072183

DOCUMENT-IDENTIFIER: US 5072183 A

TITLE: RF generator for magnetic resonance imaging apparatus

DATE-ISSUED: December 10, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McKinnon; Graeme	Zurich			CH
Proksa; Roland	Hamburg			DE

US-CL-CURRENT: 324/314; 324/307

Full	Title	Citation	Front	Review	Classification	Date	Reference	Page 1 of 1	Page 2 of 2	Claims	KMC	Draw D
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☐ 23. Document ID: US 4991587 A

L15: Entry 23 of 27

File: USPT

Feb 12, 1991

US-PAT-NO: 4991587

DOCUMENT-IDENTIFIER: US 4991587 A

TITLE: Adaptive filtering of physiological signals in physiologically gated magnetic resonance imaging

DATE-ISSUED: February 12, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Blakeley; Douglas M.	Euclid	OH		
Rogers; James J.	University Heights	OH		

US-CL-CURRENT: 600/483; 128/901, 600/413, 600/484, 600/508, 600/509

Full	Title	Citation	Front	Review	Classification	Date	Reference	Page 1 of 1	Page 2 of 2	Claims	KMC	Draw D
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☐ 24. Document ID: US RE32712 E

L15: Entry 24 of 27

File: USPT

Jul 12, 1988

US-PAT-NO: RE32712

DOCUMENT-IDENTIFIER: US RE32712 E

**\*\* See image for Certificate of Correction \*\***

TITLE: Moving gradient zeugmatography

DATE-ISSUED: July 12, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
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Likes; Richard S.                      Kirkwood                      MO

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KMC	Draw De
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☐ 25. Document ID: US 4307343 A

L15: Entry 25 of 27

File: USPT

Dec 22, 1981

US-PAT-NO: 4307343

DOCUMENT-IDENTIFIER: US 4307343 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Moving gradient zeugmatography

DATE-ISSUED: December 22, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Likes; Richard S.	Schenectady	NY		

US-CL-CURRENT: 324/307; 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KMC	Draw De
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☐ 26. Document ID: WO 2005050832 A1

L15: Entry 26 of 27

File: EPAB

Jun 2, 2005

PUB-NO: WO2005050832A1

DOCUMENT-IDENTIFIER: WO 2005050832 A1

TITLE: AMPLIFIER PROVIDED WITH A REGULATION SYSTEM CONTROLLED BY THE OUTPUT STAGE

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KMC	Draw De
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☐ 27. Document ID: US 3479886 A

L15: Entry 27 of 27

File: USOC

Nov 25, 1969

US-PAT-NO: 3479886

DOCUMENT-IDENTIFIER: US 3479886 A

TITLE: ACCELEROMETER

DATE-ISSUED: November 25, 1969

INVENTOR-NAME: CANFIELD EUGENE B

US-CL-CURRENT: 73/514.03; 73/514.09

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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Term	Documents
SIGNAL	4412836
SIGNALS	2354272
REGULATE	474495
REGULATES	170052
REGULATOR	343519
REGULATORS	100804
REGULATING	542761
REGULATINGS	8
REGULATED	522049
REGULATEDS	2
REGULATOR	203
(L14 AND (((SIGNAL) SAME (REGULATE OR REGULATOR OR REGULATING OR REGULATED OR REGULATOR OR ADJUST\$3 OR CONTROL OR CONTROLLER OR CONTROLLING OR CONTROLLED OR CONTROLLABLE OR CONTROLABLE)) SAME ((INPUT\$4 OR OUTPUT\$4 OR OUT-PUT\$4 OR IN-PUT\$4) SAME (STAGE)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	27

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1. Document ID: US 20050017699 A1

Jan 27, 2005

DOCUMENT-IDENTIFIER: US 20050017699 A1

PUBLICATION-DATE: January 27, 2005

COUNTRY

US

US-CL-CURRENT: 323/282

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050017695 A1

Jan 27, 2005

DOCUMENT-IDENTIFIER: US 20050017695 A1

PUBLICATION-DATE: January 27, 2005

COUNTRY

US

US-CL-CURRENT: 323/207

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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3. Document ID: US 20040210289 A1

L36: Entry 3 of 21

File: PGPB

Oct 21, 2004

PGPUB-DOCUMENT-NUMBER: 20040210289  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040210289 A1

TITLE: Novel nanomagnetic particles

PUBLICATION-DATE: October 21, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Xingwu	Wellsville	NY	US
Greenwald, Howard J.	Rochester	NY	US

US-CL-CURRENT: 607/116

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 4. Document ID: US 20040030328 A1

L36: Entry 4 of 21

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040030328  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040030328 A1

TITLE: Electrosurgical generator

PUBLICATION-DATE: February 12, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Eggers, Philip E.	Dublin	OH	US
Kociecki, John	Powell	OH	US
Mayerchak, Mark A.	Bothell	WA	US

US-CL-CURRENT: 606/34; 606/37, 606/39, 606/40, 606/45, 606/49

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 5. Document ID: US 7102431 B2

L36: Entry 5 of 21

File: USPT

Sep 5, 2006

US-PAT-NO: 7102431  
DOCUMENT-IDENTIFIER: US 7102431 B2

TITLE: Method for generating a high-power alternating voltage that follows an input data system

DATE-ISSUED: September 5, 2006

## PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050017804 A1	January 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bier; Gu	1200 Vienna			AT

US-CL-CURRENT: 330/251; 330/207A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Page 1	Page 2	Claims	KMC	Draw De
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☐ 6. Document ID: US 6949915 B2

L36: Entry 6 of 21

File: USPT

Sep 27, 2005

US-PAT-NO: 6949915

DOCUMENT-IDENTIFIER: US 6949915 B2

TITLE: Opposed current converter power factor correcting power supply

DATE-ISSUED: September 27, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 323/207; 363/127

Full	Title	Citation	Front	Review	Classification	Date	Reference	Page 1	Page 2	Claims	KMC	Draw De
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☐ 7. Document ID: US 6923804 B2

L36: Entry 7 of 21

File: USPT

Aug 2, 2005

US-PAT-NO: 6923804

DOCUMENT-IDENTIFIER: US 6923804 B2

TITLE: Electrosurgical generator

DATE-ISSUED: August 2, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eggers; Philip E.	Dublin	OH		
Kociecki; John	Powell	OH		
Mayerchak; Mark A.	Bothell	WA		



US-CL-CURRENT: 606/34; 606/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 8. Document ID: US 6741483 B1

L36: Entry 8 of 21

File: USPT

May 25, 2004

US-PAT-NO: 6741483

DOCUMENT-IDENTIFIER: US 6741483 B1

TITLE: Circulating current sensing device for amplifiers

DATE-ISSUED: May 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 363/65; 330/9, 363/71

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 9. Document ID: US 6740079 B1

L36: Entry 9 of 21

File: USPT

May 25, 2004

US-PAT-NO: 6740079

DOCUMENT-IDENTIFIER: US 6740079 B1

TITLE: Electrosurgical generator

DATE-ISSUED: May 25, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Eggers; Philip E.	Dublin	OH		
Eggers; Andrew R.	Ostrander	OH		
Eggers; Eric A.	Columbus	OH		
Kociecki; John	Powell	OH		

US-CL-CURRENT: 606/34; 606/39

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 10. Document ID: US 6683494 B2

L36: Entry 10 of 21

File: USPT

Jan 27, 2004

US-PAT-NO: 6683494

DOCUMENT-IDENTIFIER: US 6683494 B2

TITLE: Digital signal processor enhanced pulse width modulation amplifier

DATE-ISSUED: January 27, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stanley; Gerald R.	Osceola	IN		

US-CL-CURRENT: 330/10; 330/207A, 375/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Indexing	Claims	KMC	Draw De
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☐ 11. Document ID: US 6671330 B1

L36: Entry 11 of 21

File: USPT

Dec 30, 2003

US-PAT-NO: 6671330

DOCUMENT-IDENTIFIER: US 6671330 B1

TITLE: Power amplifier

DATE-ISSUED: December 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE
Schwingenschloegl; Christian	Schwaig			DE

US-CL-CURRENT: 375/297; 375/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Indexing	Claims	KMC	Draw De
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☐ 12. Document ID: US 6671329 B1

L36: Entry 12 of 21

File: USPT

Dec 30, 2003

US-PAT-NO: 6671329

DOCUMENT-IDENTIFIER: US 6671329 B1

TITLE: Power amplifier .

DATE-ISSUED: December 30, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE

US-CL-CURRENT: 375/297; 330/10, 375/238

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 13. Document ID: US 6448775 B1

L36: Entry 13 of 21

File: USPT

Sep 10, 2002

US-PAT-NO: 6448775

DOCUMENT-IDENTIFIER: US 6448775 B1

TITLE: Gradient amplifier with combined current regulation and differential control

DATE-ISSUED: September 10, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE

US-CL-CURRENT: 324/322; 324/318, 324/320

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 14. Document ID: US 6400158 B1

L36: Entry 14 of 21

File: USPT

Jun 4, 2002

US-PAT-NO: 6400158

DOCUMENT-IDENTIFIER: US 6400158 B1

TITLE: MRI apparatus with digital control and correction of the gradient current pulses

DATE-ISSUED: June 4, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Groningen; Wilhelmus Daniel Hyacinthus	Eindhoven			NL
Van Wesenbeeck; Robbert Jacobus	Eindhoven			NL
Van Den Bosch; Paulus Petrus Joannes	Nuenen			NL

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw De
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☐ 15. Document ID: US 6150880 A

L36: Entry 15 of 21

File: USPT

Nov 21, 2000

US-PAT-NO: 6150880  
DOCUMENT-IDENTIFIER: US 6150880 A

TITLE: Method and device for generating drive signals for a power output stage, and a power output stage

DATE-ISSUED: November 21, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuernberg			DE

US-CL-CURRENT: 330/207A; 330/251

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 16. Document ID: US 5991179 A

L36: Entry 16 of 21

File: USPT

Nov 23, 1999

US-PAT-NO: 5991179  
DOCUMENT-IDENTIFIER: US 5991179 A

TITLE: Power amplifier with multiple, switched output stages, and method and driver for driving the output stages using different pattern signals groups

DATE-ISSUED: November 23, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuermberg			DE

US-CL-CURRENT: 363/71; 307/82

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 17. Document ID: US 5955909 A

L36: Entry 17 of 21

File: USPT

Sep 21, 1999

US-PAT-NO: 5955909  
DOCUMENT-IDENTIFIER: US 5955909 A

TITLE: Device for monitoring chip temperature

DATE-ISSUED: September 21, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lenz; Helmut	Oberasbach			DE

Burger; Walter

Nurenberg

DE

US-CL-CURRENT: 327/361; 307/651, 327/512

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Index	Claims	KMC	Draw D
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☐ 18. Document ID: US 5949668 A

L36: Entry 18 of 21

File: USPT

Sep 7, 1999

US-PAT-NO: 5949668

DOCUMENT-IDENTIFIER: US 5949668 A

TITLE: Power amplifier with multiple switched output stages, and method and driver for operating same

DATE-ISSUED: September 7, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweighofer; Peter	Nuremberg			DE

US-CL-CURRENT: 363/71; 363/136, 363/58, 363/98

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Index	Claims	KMC	Draw D
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☐ 19. Document ID: US 5444728 A

L36: Entry 19 of 21

File: USPT

Aug 22, 1995

US-PAT-NO: 5444728

DOCUMENT-IDENTIFIER: US 5444728 A

TITLE: Laser driver circuit

DATE-ISSUED: August 22, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Thompson; Marc T.	Watertown	MA		

US-CL-CURRENT: 372/38.02; 372/26, 372/38.07

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Index	Claims	KMC	Draw D
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☐ 20. Document ID: US 5270657 A

L36: Entry 20 of 21

File: USPT

Dec 14, 1993



US-PAT-NO: 5270657

DOCUMENT-IDENTIFIER: US 5270657 A

TITLE: Split gradient amplifier for an MRI system

DATE-ISSUED: December 14, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wirth; William F.	Sullivan	WI		
McFarland; Thomas G.	Hartland	WI		
Vavrek; Robert M.	Waukesha	WI		
Roemer; Peter B.	Schenectady	NY		
Mueller; Otward M.	Ballston Lake	NY		
Park; John N.	Rexford	NY		

US-CL-CURRENT: 324/322; 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 21. Document ID: US 4742311 A

L36: Entry 21 of 21

File: USPT

May 3, 1988

US-PAT-NO: 4742311

DOCUMENT-IDENTIFIER: US 4742311 A

TITLE: Circuit arrangement with a load connected to the output of an amplifier especially for NMR

DATE-ISSUED: May 3, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van der Zwart; Alfred J.	Eindhoven			NL

US-CL-CURRENT: 330/297; 324/309, 330/202

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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